

#### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization

International Bureau



# 

#### (43) International Publication Date 6 May 2004 (06.05.2004)

#### PCT

### (10) International Publication Number WO 2004/037443 A1

(51) International Patent Classification7: A61F 2/06, A61L 31/10, 31/16, 27/14 B05D 1/00,

(74) Agent: JARO, Michael; IP Legal Department, 3576 Uno-

AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,

KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,

RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,

(21) International Application Number:

PCT/US2003/032441

- (22) International Filing Date: 14 October 2003 (14.10.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/420,685

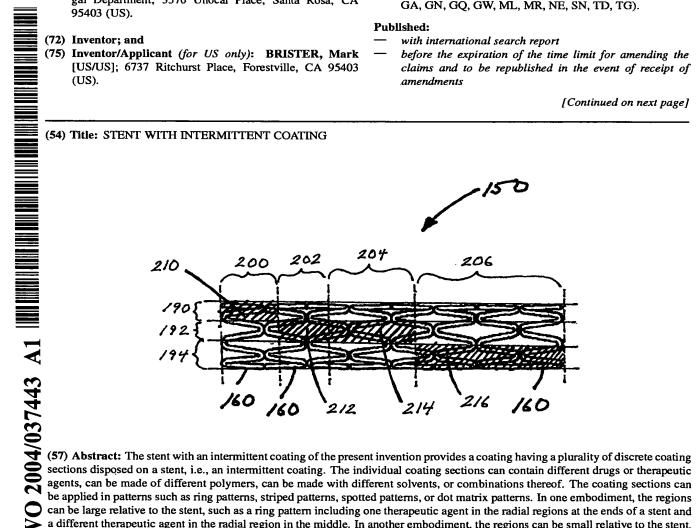
22 October 2002 (22.10.2002) US

- (71) Applicant (for all designated States except US): MEDTRONIC VASCULAR INC. [US/US]; IP Legal Department, 3576 Unocal Place, Santa Rosa, CA 95403 (US).

- cal Place, Santa Rosa, CA 95403 (US). (81) Designated States (national): AE, AG, AL, AM, AT, AU,
- TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW. (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,

GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:



can be large relative to the stent, such as a ring pattern including one therapeutic agent in the radial regions at the ends of a stent and a different therapeutic agent in the radial region in the middle. In another embodiment, the regions can be small relative to the stent, such as a dot matrix pattern with each grid region being a small point.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.